



Click to edit Master subtitle style

Tom MacWright

Offline Mapping

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Maps on a Stick: Afghanistan

Base layers

☐ Haiti-Terrain_z5-16_v1.mbtiles

☒ World-Light_z0-10_v1.mbtiles

Upload KML

[Or add online KML](#)



Maps on a Stick: Afghanistan

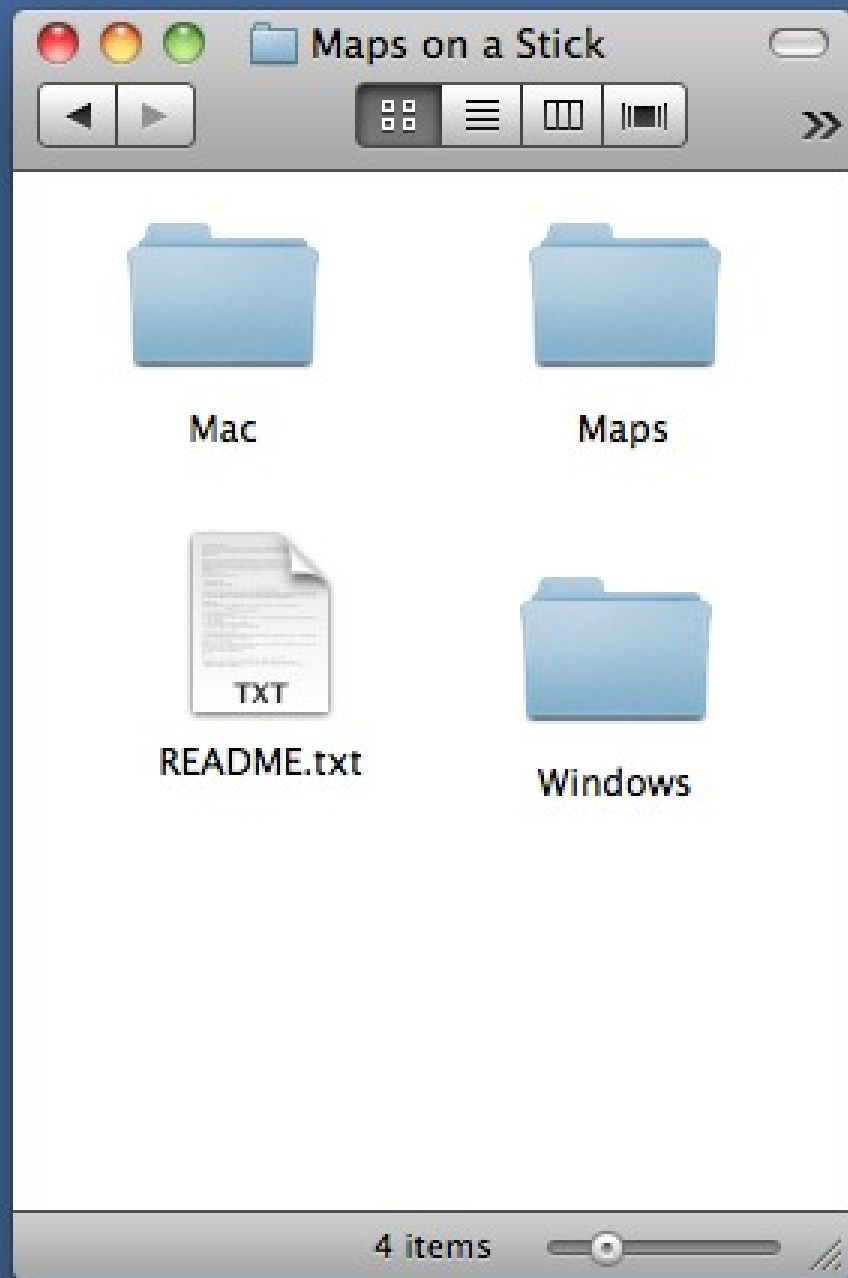
Base layers

- ☐ Haiti-Terrain_z5-16_v1.mbtiles
- ☒ World-Light_z0-10_v1.mbtiles

Upload KML

[Or add online KML](#)





Maps on a Stick: Afghanistan

Base layers

- ☐ Afghanistan-Grey_z5-11_v1
- ☒ (1).mbtiles
- ☒ Afghanistan-Summer_z5-11_v1
(1).mbtiles
- ☐ Haiti-Terrain_z5-16_v1.mbtiles
- ☐ World-Light_z0-10_v1.mbtiles

Data layers

- ☐ abdullah_votes.kml
- ☐ bashardost_votes.kml
- ☒ fraud_district.kml
- ☐ fraud_province.kml
- ☐ karzai_votes.kml

Upload KML

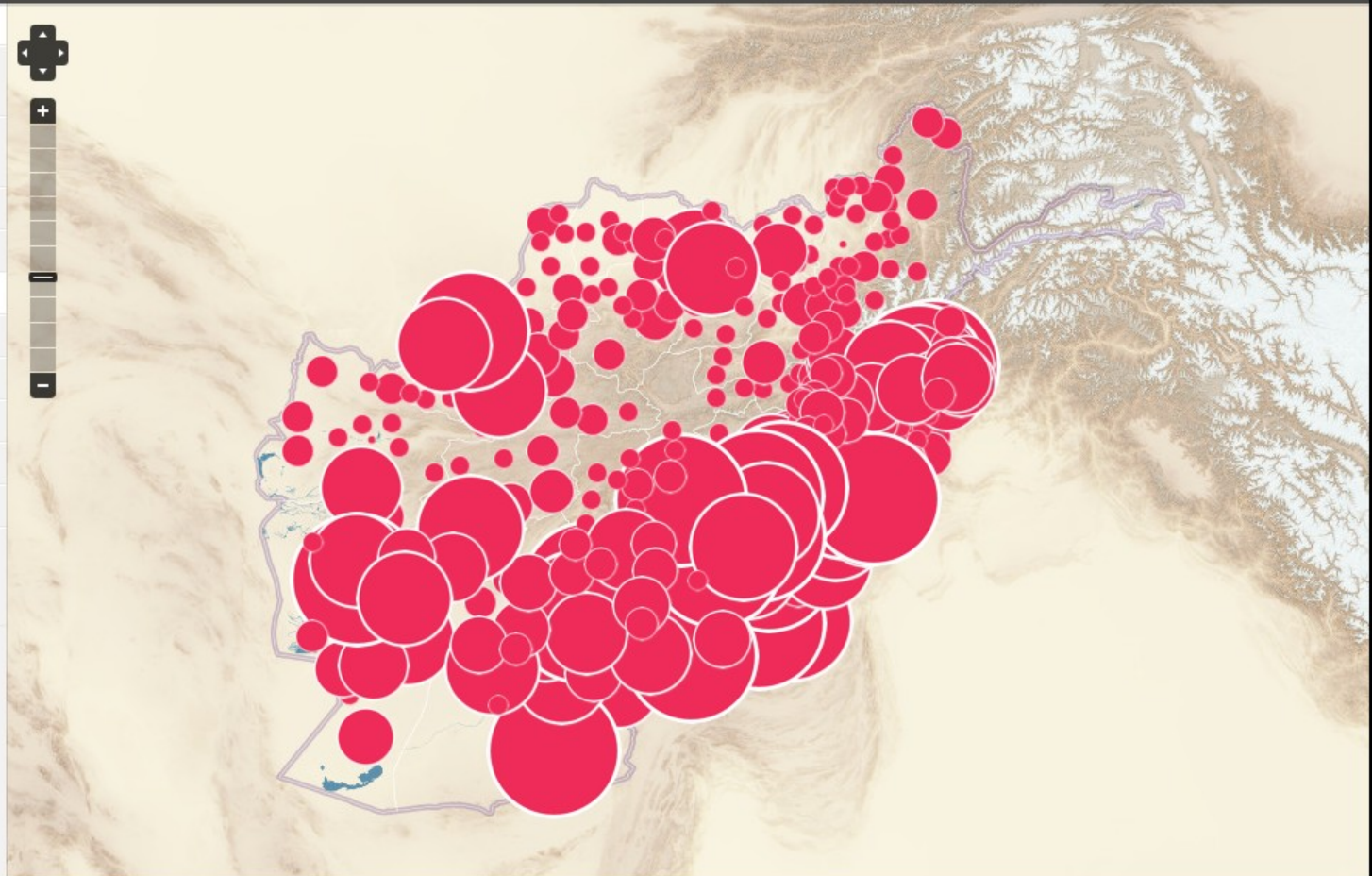
[Or add online KML](#)



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Maps on a Stick: Afghanistan

Base layers

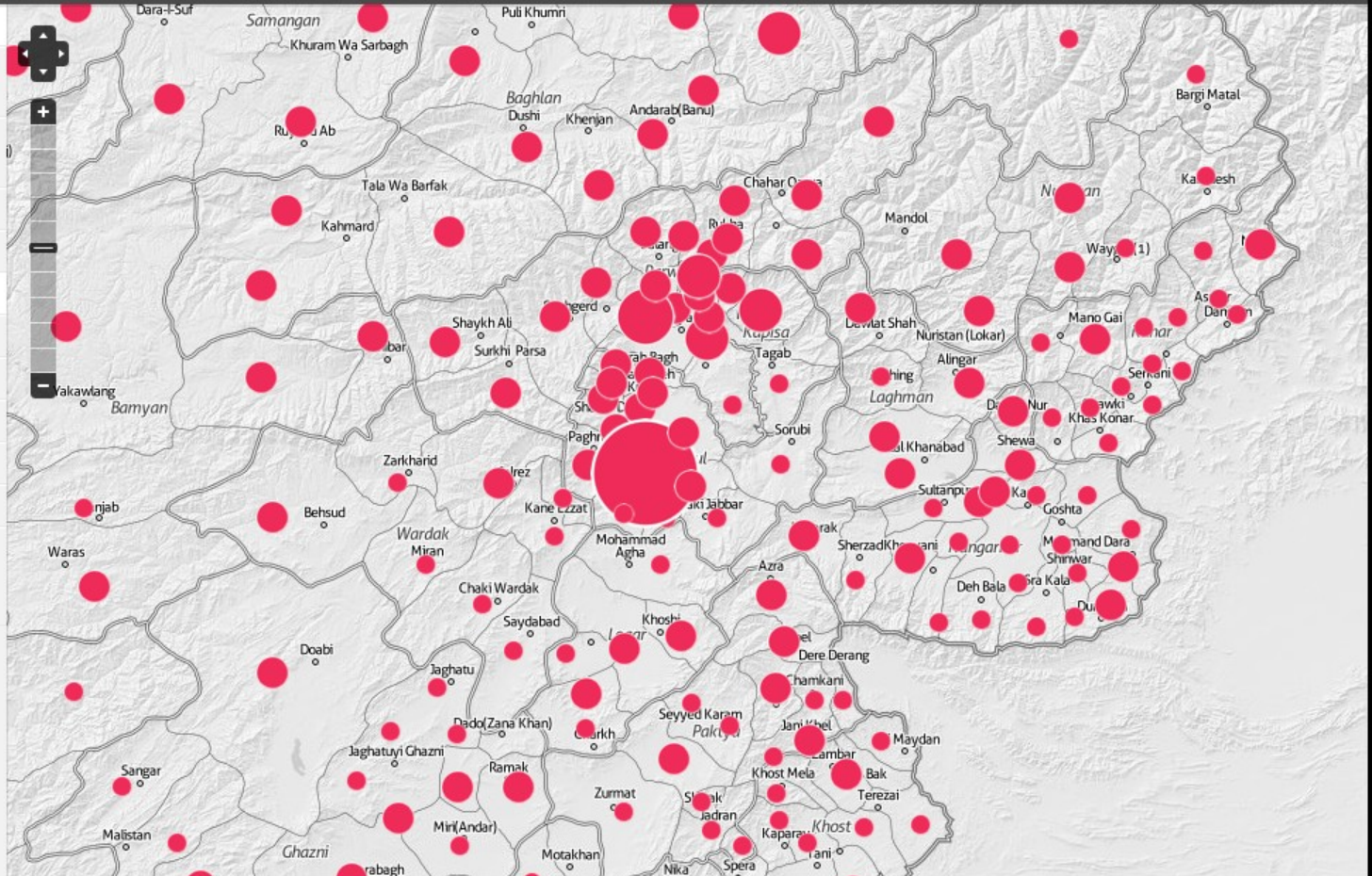
- ☒ Afghanistan-Grey_z5-11_v1
(1).mbtiles
- ☐ Afghanistan-Summer_z5-11_v1
(1).mbtiles
- ☐ Haiti-Terrain_z5-16_v1.mbtiles
- ☐ World-Light_z0-10_v1.mbtiles

Data layers

- ☒ abduallah_votes.kml
- ☐ bashardost_votes.kml
- ☐ fraud_district.kml
- ☐ fraud_province.kml
- ☐ karzai_votes.kml

Upload KML

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ld Content

s

Warning

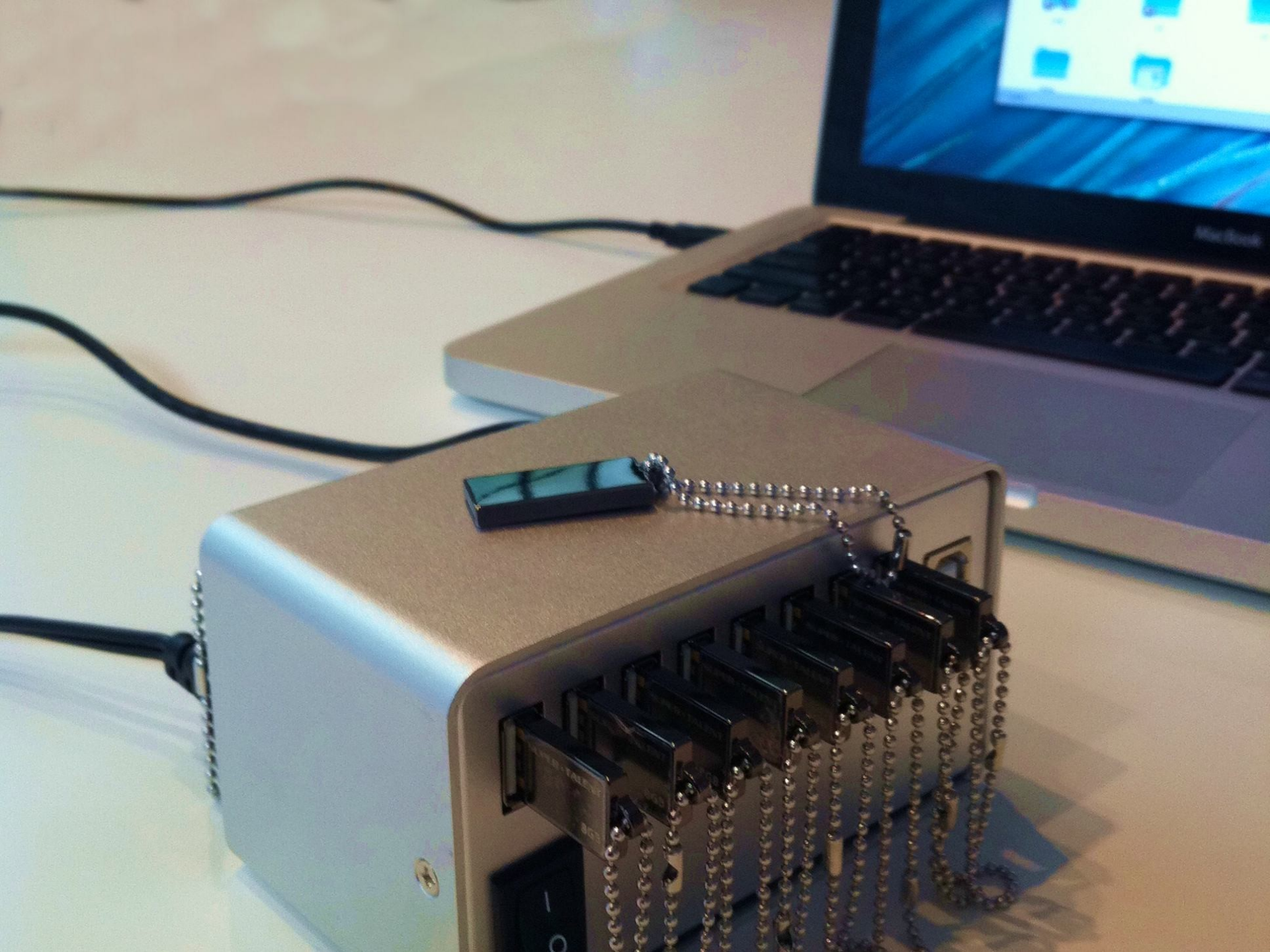
Google Earth could not contact the authentication server to activate your session.

The application will continue to operate but will only display data available locally (in cache).

For more information, please visit:

<http://earth.google.com/support/bin/answer.py?answer=20717hl=en>

OK



Maps on a Stick: Afghanistan

Base layers

☐ Haiti-Terrain_z5-16_v1.mbtiles

☒ World-Light_z0-10_v1.mbtiles

Upload KML

Or add online KML




```

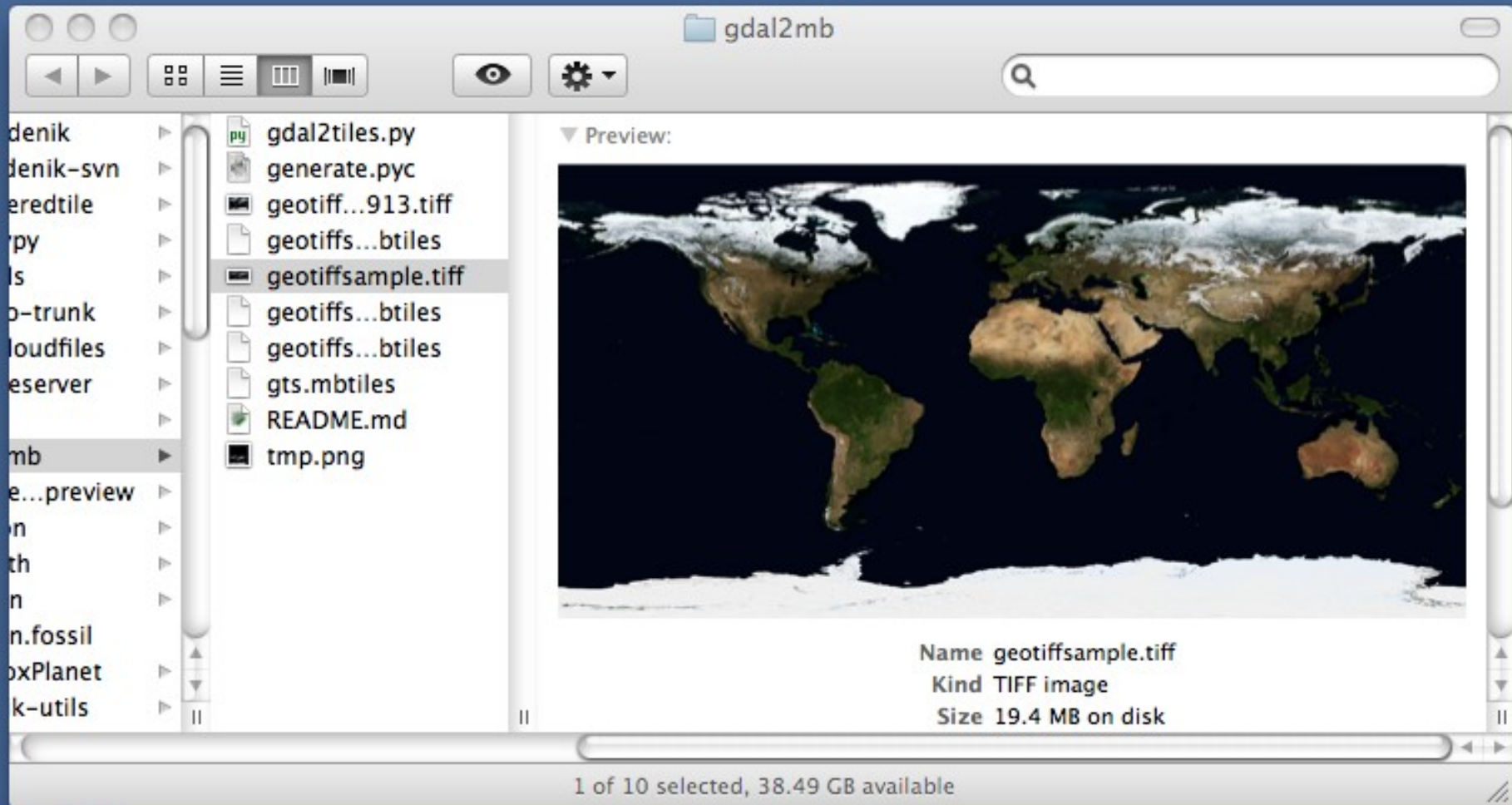
44     if not self.connections.has_key(filename):
45         self.connections[filename] = sqlite3
46     return self.connections[filename]
47
48 class KMZFile(object):
49     """ items in the KMZCache system: provide ac
50     def __init__(self, filename):
51         """ initializes an internal zipfile obje
52         doc.kml is in the root or a higher-up di
53         is required."""
54         self.zipfile = zipfile.ZipFile(filename)
55         try:
56             self.docroot = os.path.split([n for
57             except IndexError:
58                 raise Exception('doc.kml not found i
59     def member(self, filename):
60         """ get a file from a kmz archive, relat
61         return self.zipfile.read(os.path.join(se
62
63 class KMZCache(object):
64     """ provides a simple interface for connecti
65     def __init__(self):
66         self.kmzs = {}
67
68     def get(self, filename):
69         if not self.kmzs.has_key(filename):
70             self.kmzs[filename] = KMZFile(os.pat
71         return self.kmzs[filename]
72
73 map_cache = MapCache()
74 kmz_cache = KMZCache()
75
76 ##
77 # LOGIC FOR WEB FUNCTIONS
78 ##
79
80 def maps_dir():
81     if DIST == 'mac':
82         return "../../../%s" % MAPS_DIR
83     if DIST == 'win':

```

```

23 </div>
24 <div id='left'>
25     <div class='kml-input'>
26         <form id='kml-file-form' enctype='multipart/form-dat
27             <input id='kml-file-input' name='kml-file' type='f
28         </form>
29         <a id='kml-url-add' href="#">or online kml</a>
30     </div>
31     <div class='openlayers-blockswitcher'>
32         <div class='layers base'>
33             <h2 class='layers-title'>Base layers</h2>
34             <div class='layers-content'>
35                 </div>
36         </div>
37         <div class='layers data'>
38             <h2 class='layers-title'>Data layers</h2>
39             <div class='layers-content'>
40                 </div>
41         </div>
42         <div style='display:none' class='factory'>
43             <div class='form-item form-option radio'>
44                 <span class='icon'></span>
45                 <label class='option'></label>
46             </div>
47             <div class='form-item form-option checkbox'>
48                 <label class='option'>
49                     <input class='form-checkbox' type='checkbox' /
50                 </label>
51             </div>
52             <div class='factory layer-tools'>
53                 <a class='layer-zoom' href='#'>Zoom to Layer</a>
54             </div>
55         </div>
56     </div> <!-- .openlayers-blockswitcher -->
57 </div> <!-- #left -->
58 <div id='shadow-bottom'></div>
59 <div id='shadow-top'></div>
60 <div id='shadow-left'></div>
61 <div id='canvas'>
62     <div id='map'></div>

```



```
Terminal — zsh — 92x7

~/Code/python/gdal2mb$ python gdal2tiles.py geotiffsample.tiff gts.mbtiles --name="GeoTIFF s
ample" --description="NASA Blue earth sample" --overlay -v
Input (geotiffsample.tiff):
=====
Driver: GTiff / GeoTIFF
Size: 3600 x 1800 x 3
Projection: GEOGCS["WGS 84",DATUM["WGS_1984",SPHEROID["WGS 84",6378137,298.257223563,AUTHO
```


Maps on a Stick

Upload KML

or online kml

Base layers

- ☐ Afghanistan Hillshade (English)
- ☐ Afghanistan Hillshade (Dari)
- ☐ Afghanistan Landcover (English)
- ☐ Afghanistan Landcover (Dari)
- ☒ GeoTIFF sample

Data layers

- ☐ 2004_Karzai_Votes.kmz
- ☐ 2009_centers_visited_NDI.kmz
- ☐ 2009_Fraud_by_District.kmz
- ☐ 2009_Karzai_Votes.kmz
- ☐ % Votes Blank or Invalid 2004
- ☐ % Votes to Karzai 2004
- ☐ % Votes by Female Voters 2004
- ☐ % Vote Blank or Invalid 2005
- ☐ % Female Candidates 2005
- ☐ % Voter Turnout 2005
- ☐ Afghanistan Ethnicity Data
- ☐ Percentage of 2010 Candiates who are Female





IN HOME / IN-OFFICE SERVICES

Acceptable methods of payment include cash and personal check. Payment must be made at the time of pickup for all in-home service calls. Payment for all pickup for all in-home service calls must be made at the time of pickup.

All work will be carried out as per the verbal or written quote provided unless the client is notified otherwise. Payment is to be made at the time of pickup for all in-home service calls. Payment for all pickup for all in-home service calls must be made at the time of pickup.

are taxable at the Maryland state sales tax rate of 6%. Labor is taxable at this time.

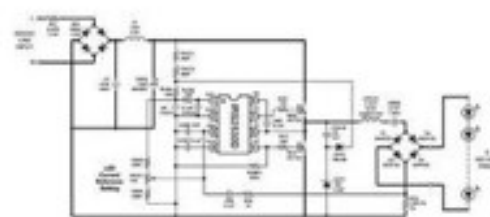
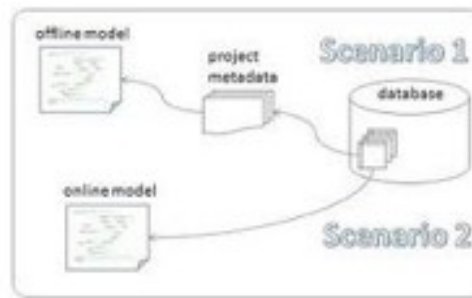
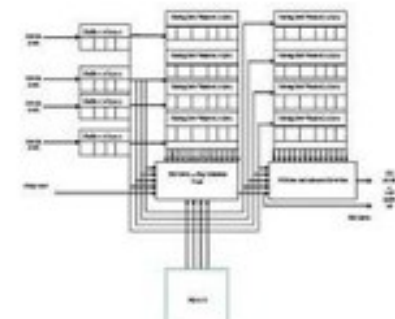
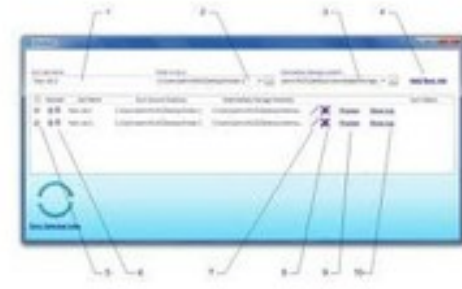
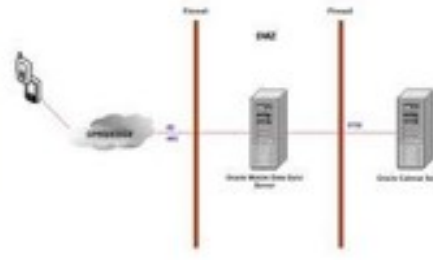
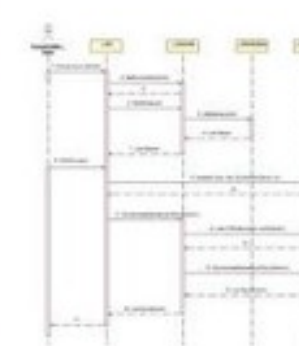
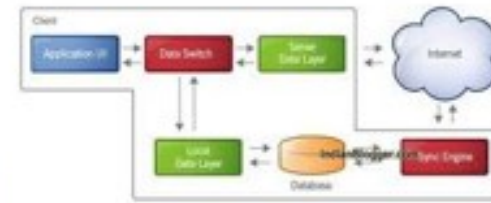
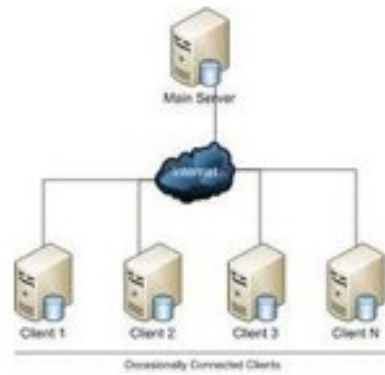
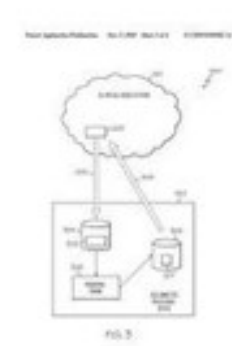
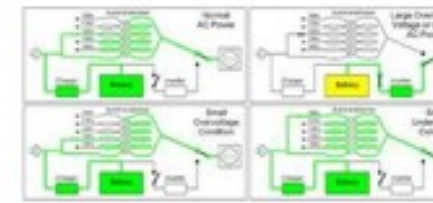
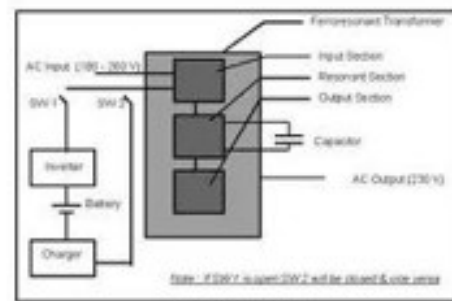
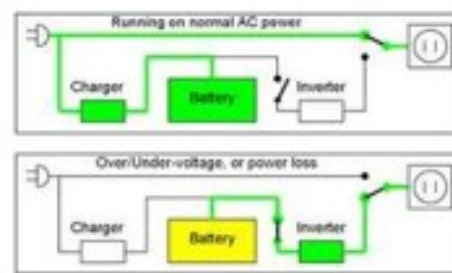
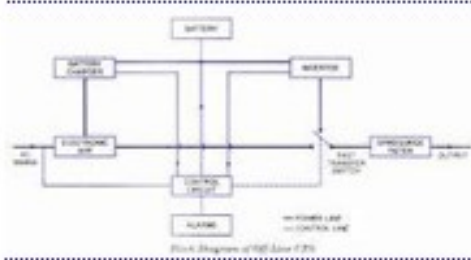
3100 per hour. Travel time may be billed at a rate of \$100 per hour.

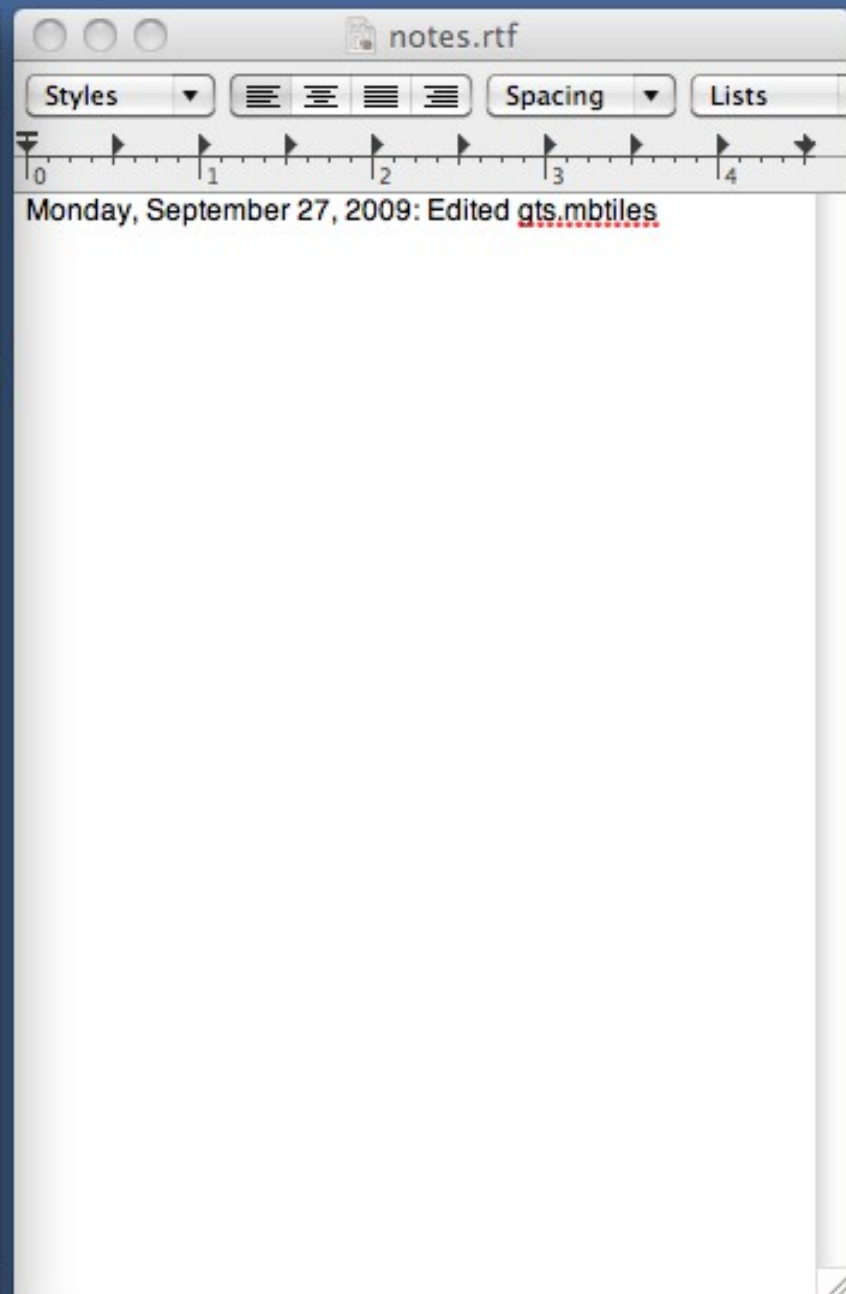
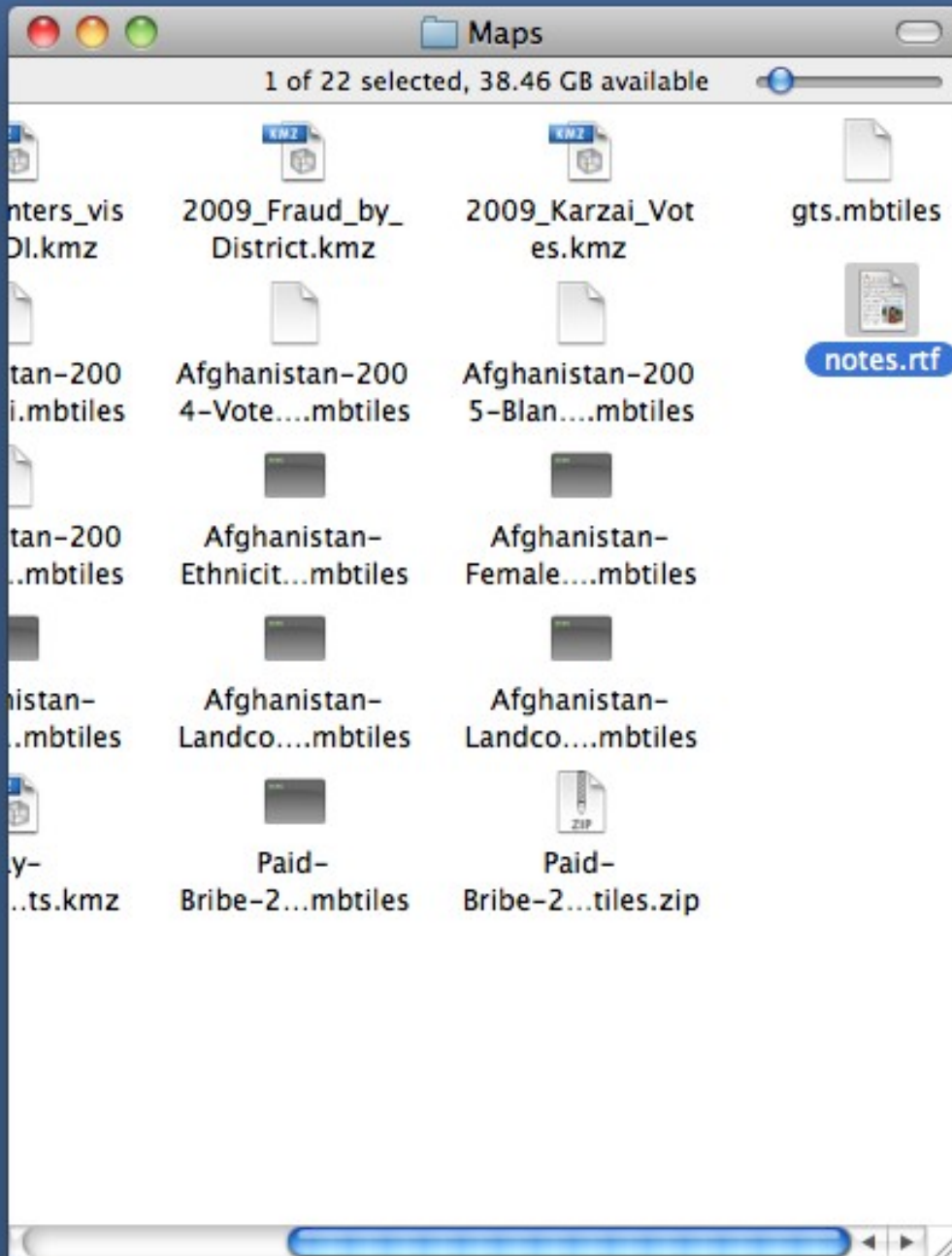
PC/MO

STATEMENT OF WORK

The PC/MO

PHOTOCOPY





What are the real problems in the field

Click to edit Master subtitle style

File Edit View Insert Selection Tools Window Help



Data View

Layout View

Zoom Data

Zoom Layout

Bookmarks

Toolbars

Status Bar

Overflow Annotation

Scrollbars

Rulers

Guides

Grid

Data Frame Properties...



1:79,438



- ☒ Main Menu
- 3D Analyst
- Advanced Editing
- Animation
- Annotation
- ArcPad
- ArcScan
- COGO
- Data Frame Tools
- Dimensioning
- Distributed Geodatabase
- ☒ Draw
- Editor
- Effects
- Export to KML
- GPS



Display Source Selection

Drawing



122°44'26.85"W 38°18'56.64"N

Maps on a Stick: Afghanistan

Base layers

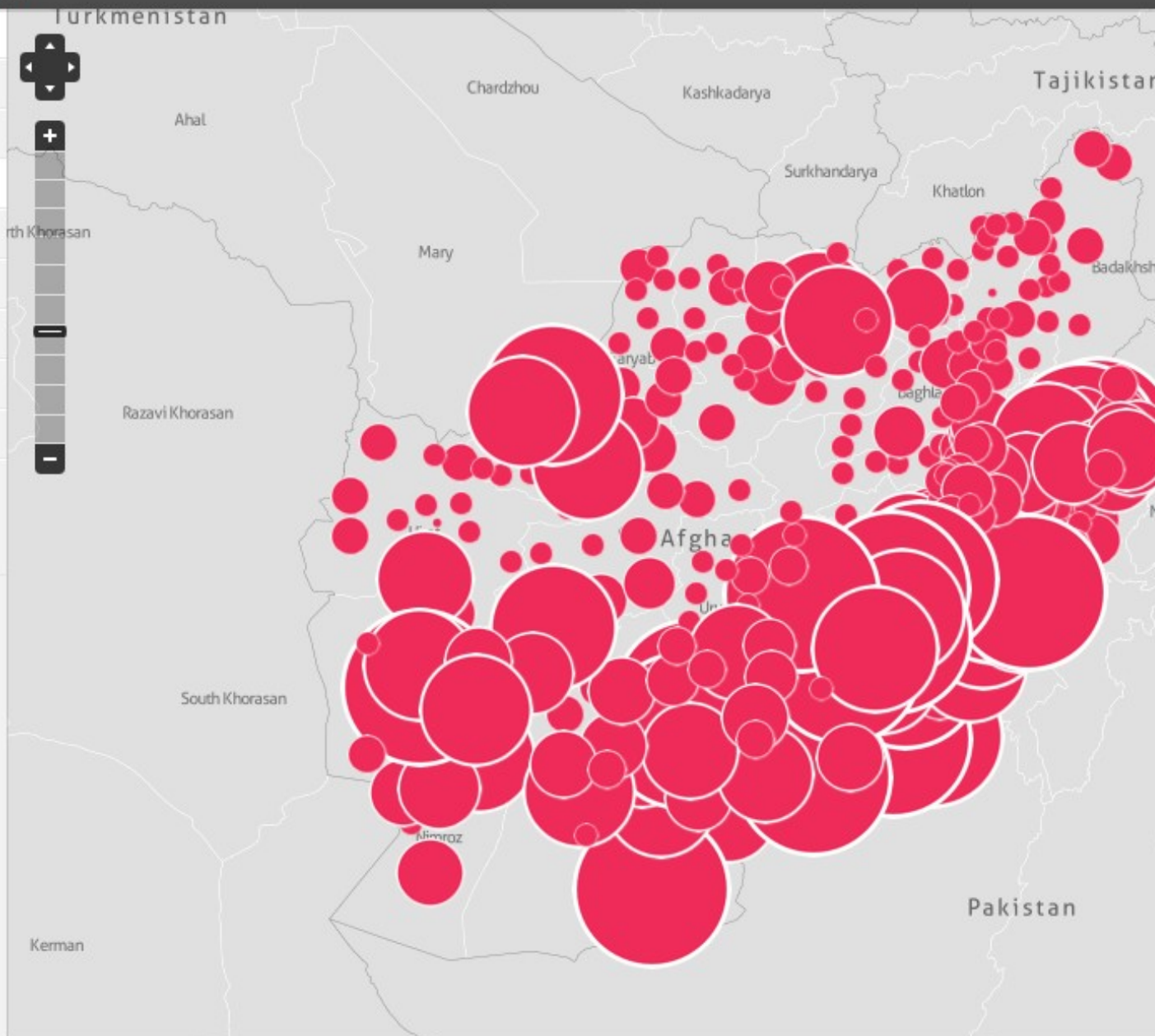
- ☐ Haiti-Terrain_z5-16_v1.mbtiles
- ☒ World-Light_z0-10_v1.mbtiles

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- ☐ bashardost_votes.kml
- ☒ fraud_district.kml
- ☐ fraud_province.kml
- ☐ karzai_votes.kml

Upload KML

Or add online KML



☐ Afghanistan Landcover (Dari)

☒ GeoTIFF sample

Data layers

☐ 2004_Karzai_Votes.kmz

☐ 2009_centers_visited_NDI.kmz

☐ 2009_Fraud_by_District.kmz

☐ 2009_Karzai_Votes.kmz

☒ Pakistan GeoTIFF

☐ % Votes Blank or Invalid 2004

☐ % Votes to Karzai 2004

☐ % Votes by Female Voters 2004

☐ % Vote Blank or Invalid 2005

☐ % Female Candidates 2005

☐ % Voter Turnout 2005

☐ Afghanistan Ethnicity Data

☐ Percentage of 2010 Candidates who are Female

☐ Percentage of Wolesi Jirga Candidates Affiliated with a Party

☐ May-Aug_2010_Security_Incidents.kmz

☐ % per Province Paid Bribe





Thanks

mapbox.com

@mapbox

@developmentseed

github.com/developmentseed